

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL NO. EL078836312US

Applicant : Jayant Neogi
Application No. : Not yet assigned
Filed : December 17, 2001
Title : METHOD APPARATUS AND ARTICLE OF
MANUFACTURE FOR BRANDING A DIAMOND
WITH A FOCUSED ION BEAM
Grp./Div. : To be determined
Examiner : To be determined
Docket No. : 42637/GDL/N288

INFORMATION DISCLOSURE STATEMENT
37 CFR § 1.97(b)

Assistant Commissioner for Patents
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068
December 17, 2001

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO-1449 listing the references that are known to applicant. Copies of each of the listed references are enclosed. Also enclosed is a copy of the International Search Report. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO-1449 be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By


Gary D. Lueck
Reg. No. P-50,791
626/795-9900

GDL/gv

Enclosures: PTO-1449, w/references

FORM PTO-1449

Attorney Docket Number 42637/GDL/N288

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number To be assigned

Filing Date December 17, 2001

Applicant(s) Jayant Neogi

Group Art Unit To be determined

Examiner Name To be determined

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 99/34197	07/1999	WIPO				
	2033096A	05/1980	GB	G03B	41/00		

OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	BRAUNSTEIN, et al., Depth profile of antimony implanted into diamond, Journal of Applied Physics, Vol. 50, No. 9, September 1979, Pgs. 5731 - 5735.		
	ENDENFELD et al., Force probe characterization using silicon three-dimensional structures formed by focused ion beam lithography, Journal of Vacuum Science and Technology B, Vol. 12, No. 6, 1994, Pgs. 3571-3575.		
	KOMURO, Ion Beam Exposure Apparatus Using Liquid Metal Source, 1982, Pgs. 155-159, Elsevier Squoia; Netherlands		
	International Search Report for PCT/US00/16761 Dated October 2, 2000		
EXAMINER SIGNATURE		DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

GDL/gv

GMV PAS402637.1-* 12/17/01 5:37 PM

FORM PTO-1449

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,840,721	10/1974	Monk	219	121	
	3,908,183	09/1975	Ennis, Jr.	357	65	
	4,334,139	06/1982	Wittekoek et al.	219	121.3	
	4,392,476	07/1983	Gresser et al.	125	30 R	
	4,401,876	08/1983	Cooper	219	121 LJ	
	4,425,796	01/1984	Hakoune	63	32	
	4,450,041	05/1984	Aklufi	156	628	
	4,457,803	07/1984	Takigawa	156	626	
	4,467,172	08/1984	Ehrenwald et al.	219	121 LH	
	4,698,129	10/1987	Puretz et al.	156	643	
	4,809,417	03/1989	Normann, Jr.	29	160.6	
	4,869,780	09/1989	Yang et al.	156	643	
	4,939,364	07/1990	Ishitani et al.	250	309	
	4,999,083	03/1991	Watanabe et al.	156	628	
	4,999,234	03/1991	Cowan	428	156	
	5,149,938	09/1992	Winston et al.	219	121.69	
	5,354,420	10/1994	Russell et al.	156	643	
	5,401,972	03/1995	Talbot et al.	250	491.1	
	5,402,410	03/1995	Yoshimura et al.	369	275.1	
	5,423,714	06/1995	Lach	451	57	
	5,453,594	09/1995	Konecny	219	121.61	
	5,721,687	02/1998	Lamartine et al.	364	474.08	
	5,757,409	05/1998	Okamoto et al.	347	230	
	5,760,367	06/1998	Rosenwasser et al.	219	121.69	
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	5,932,119	08/1999	Kaplan et al.	219	121.68	